

Title (en)
Lithographic printing plate precursor

Title (de)
Vorläufer für eine lithographische Druckplatte

Title (fr)
Précurseur de plaque d'impression lithographique

Publication
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Application
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- JP 2001256331 A 20010827

Abstract (en)
The present invention concerns a lithographic printing plate comprising an aluminum substrate having a surface-roughened shape comprising small pits having a distinct average opening size and a specific ratio of an average depth to the average opening size, an image-recording layer being a lipophilic image-recording layer not comprising a hydrophilic binder resin and comprising hydrophobic fine polymer particles undergoing combination by heat, a light-to-heat converting agent and a water-insoluble compound having fluidity at 50 DEG C, a hydrophilic film having a heat conductivity of 0.05-0.5 W/mK, and an overcoat layer comprising a water-soluble resin.

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IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

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EP 1279520 A1 20030129; **EP 1279520 A3 20030618**; **EP 1279520 A8 20030416**; **EP 1279520 B1 20060621**; AT E330798 T1 20060715; AT E348015 T1 20070115; AT E349337 T1 20070115; AT E381444 T1 20080115; AT E387320 T1 20080315; AT E388024 T1 20080315; DE 60212508 D1 20060803; DE 60212508 T2 20070215; DE 60216816 D1 20070125; DE 60216816 T2 20071115; DE 60217182 D1 20070208; DE 60217182 T2 20071031; DE 60217555 D1 20070222; DE 60217555 T2 20071129; DE 60224229 D1 20080131; DE 60224229 T2 20081211; DE 60225358 D1 20080410; DE 60225358 T2 20090219; DE 60225489 D1 20080417; DE 60225489 T2 20090312; EP 1464513 A1 20041006; EP 1464513 B1 20061213; EP 1464514 A1 20041006; EP 1464514 B1 20061227; EP 1516748 A1 20050323; EP 1516748 B1 20071219; EP 1518712 A2 20050330; EP 1518712 A3 20050608; EP 1518712 B1 20070110; EP 1586461 A1 20051019; EP 1586461 B1 20080305; EP 1593522 A1 20051109; EP 1593522 B1 20080227; US 2003148207 A1 20030807; US 6929895 B2 20050816

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